

Appl. No. 10/650,698
Amdt. dated March 21, 2005
Reply to Office Action of September 21, 2004

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-12 (cancelled)

Claim 13 (currently amended): A substantially zero clearance clamping pivot shoe, said pivot shoe comprising a top and a bottom and having disposed proximate the top and bottom thereof, camming members having track camming elements ~~or surfaces~~ having leading edges and ~~said members preferably being formed from metal~~, said camming members having disposed there-between a first and a second track clamping element preferably having ~~braking means provided therewith and preferably at least one supplementary preferably pebbled preferably metal braking part~~ engageable with a window clamping element and a track portion for a window assembly disposed and riding between said track clamping elements in use, said first and second track clamping ~~members~~ elements each having compatible camming ~~elements or surfaces~~ surfaces engageable with respect to the top and bottom track camming ~~member~~ elements ~~or surfaces~~, said top and bottom clamping elements including track engaging parts and track supporting glide posts respectively integrally formed therewith to enable the ~~track~~ window to glide unclamped yet supported between the clamping elements when the window is not pivoted, the top of the posts extending above the top of said ~~braking means~~ clamping elements until the window is pivoted, wherein ~~when the window is pivoted~~ the leading edge of the camming elements/~~surfaces~~ of the top and bottom members override the camming elements/~~surfaces~~ of the clamping elements ~~to cause the clamping portions and preferred braking means to move towards one another~~ preferably a distance substantially equal to the ~~sum of the dimensions of the top and bottom camming elements~~ thereby causing the clamping elements to immediately move toward one another and to clamp down on the ~~laterally extending~~ track portion of the window assembly and prevent movement of the sash within the track prior to the window being pivoted ~~more than substantially 1 degree or substantially~~

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beyond the angle whereat the free end of the window would no longer be disposed in the track, wherein the upper clamping member includes a substantially v-shaped camming surface which normally engages a substantially v-shaped camming pocket within the upper clamping member, and the lower camming member includes smaller trapezoidal shaped camming surfaces which engage with compatibly shaped camming recesses in the lower clamping member to provide the clamping action.

Claim 14 (currently amended) The pivot shoe of claim 13 wherein the top and bottom camming members and clamping portions elements include camming elements that are substantially triangular shaped land and groove portions.

Claim 15 (cancelled)

Claim 16 (currently amended) The pivot shoe of claim 13 or 14 wherein the upper camming member engages with a metal bracket proximate the top thereof and includes a pivot extension portion which extends through the upper and lower clamping member, the lower camming member being secured proximate the bottom thereof ~~preferably~~ via a substantially c-shaped clip engaging a groove provided with said pivot extension portion, ~~preferably~~, the metal bracket engaging the upper camming member includes a slot and an outwardly extending leg for engaging with the sash and a corresponding bracket having a generally hat shaped profile fastened to the side of a window sash adjacent the pivoting ends thereof, wherein the hat profile may be slid into the substantially c-shaped profile of the first bracket to fasten the window sash to the pivot shoe assembly and the outwardly extending leg.

Claim 17 (cancelled)